Weiying Lin

List of Publications by Year in Descending Order

346 papers	15,524 citations	64 h-index	114 g-index
361 ext. papers	18,300 ext. citations	7.7 avg, IF	7.38 L-index

#	Paper	IF	Citations
346	A Fluorescent Probe Targeting Mitochondria and Lipid Droplets for Visualization of Cell Death.. *Chemistry - an Asian Journal*, **2022**, e202101304	4.5	1
345	A deep-red emission fluorescent probe for visualization of fluoride anion accumulation in a murine model of acute fluoride toxicity and the roots of Arabidopsis thaliana. *Sensors and Actuators B: Chemical*, **2022**, 358, 131508	8.5	0
344	Imaging and Detection of Hepatocellular Carcinoma with a Hepatocyte-Specific Fluorescent Probe.. *Analytical Chemistry*, **2022**,	7.8	4
343	Development of an esterase fluorescent probe based on naphthalimide-benzothiazole conjugation and its applications for qualitative detection of esterase in orlistat-treated biosamples. *Analytica Chimica Acta*, **2022**, 1190, 339248	6.6	2
342	Ratiometric probe with optimized permeability for visualizing lysosomal acidification during autophagy. *Dyes and Pigments*, **2022**, 197, 109951	4.6	1
341	A novel red-emitting two-photon fluorescent probe for imaging nitroreductases in cancer cells and tumor tissues with hypoxia conditions. *Journal of Photochemistry and Photobiology A: Chemistry*, **2022**, 424, 113657	4.7	1
340	Single fluorescent probes enabling simultaneous visualization of duple organelles: Design principles, mechanisms, and applications. *Coordination Chemistry Reviews*, **2022**, 451, 214266	23.2	9
339	Distinguishing normal and inflammatory models by viscosity changes with sensitively mitochondrial-trackable fluorescent probe. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 264, 120271	4.4	4
338	A novel cysteine fluorescent probe with large stokes shift for imaging in living cells, zebrafish and living mice.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 276, 121230	4.4	0
337	Exploring of blood viscosity in injured liver tissues of hyperlipidemic mice. *Dyes and Pigments*, **2022**, 202, 110272	4.6	0
336	Synthesis and Study of Performance for An Enhanced Formaldehyde Fluorescent Probe. *Chinese Journal of Organic Chemistry*, **2022**, 42, 1163	3	0
335	Design of a ratiometric near-infrared fluorescent probe with double excitation for hydrazine detection in vitro and in vivo.. *Science of the Total Environment*, **2022**, 837, 155462	10.2	0
334	Visualization of endogenous formaldehyde in the nucleus via a robust activatable fluorescent probe. *Sensors and Actuators B: Chemical*, **2022**, 132136	8.5	
333	A new NIR emission mitochondrial targetable fluorescent probe and its application in detecting viscosity changes in mouse liver and kidney injury. *Talanta*, **2022**, 123647	6.2	2
332	Probing the viscosity changes of acute kidney injury by fluorescence imaging. *Journal of Molecular Liquids*, **2022**, 360, 119458	6	0
331	An activatable photoacoustic probe for imaging upregulation of hydrogen sulfide in inflammation. *Sensors and Actuators B: Chemical*, **2022**, 367, 132097	8.5	
330	Constructing a NIR fluorescent probe for ratiometric imaging viscosity in mice and detecting blood viscosity in folliculitis mice and peritonitis mice. *Sensors and Actuators B: Chemical*, **2021**, 352, 131042	8.5	4

329	BF group chelated AIE fluorescent probe for polarity mapping of lipid droplets in cells and in vivo. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 268, 120637	4.4	4
328	Near-Infrared Mitochondria-Targetable Single-Molecule probe for Dual-Response of viscosity and sulfur dioxide in vivo.. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 270, 120796	4.4	2
327	Aging Diagnostic Probe for Research on Aging and Evaluation of Anti-aging Drug Efficacy. *Analytical Chemistry*, **2021**, 93, 13800-13806	7.8	3
326	Ratiometric Fluorescence Imaging for the Distribution of Nucleic Acid Content in Living Cells and Human Tissue Sections. *Analytical Chemistry*, **2021**, 93, 1612-1619	7.8	7
325	Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and Near-Infrared Imaging. *ACS Sensors*, **2021**, 6, 22-26	9.2	27
324	Charge-Dependent Strategy Enables a Single Fluorescent Probe to Study the Interaction Relationship between Mitochondria and Lipid Droplets. *ACS Sensors*, **2021**, 6, 1595-1603	9.2	15
323	NIR fluorescence imaging of lipid drops viscosity in liver organs of diabetic mice. *Dyes and Pigments*, **2021**, 187, 109120	4.6	3
322	Utilizing a Solvatochromic Optical Agent to Monitor the Polarity Changes in Dynamic Liver Injury Progression.. *ACS Applied Bio Materials*, **2021**, 4, 3630-3638	4.1	4
321	A fluorescent probe for specific detection of β-galactosidase in living cells and tissues based on ESIPT mechanism. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 251, 119446	4.4	2
320	Pyrene-based polymer fluorescent materials for the detection of 2,4,6-trinitrophenol and cell imaging. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 410, 113183	4.7	4
319	Real-time monitoring viscosity variation in carcinogenesis evolution models by a red-emitting rotor. *Dyes and Pigments*, **2021**, 188, 109170	4.6	1
318	Two-photon Fluorescent Sensors for Visual Detection of Abnormal Superoxide Anion in Diabetes Mice. *Sensors and Actuators B: Chemical*, **2021**, 332, 129537	8.5	2
317	The development of a biotin-guided and mitochondria-targeting fluorescent probe for detecting SO precisely in cancer cells. *Talanta*, **2021**, 225, 121992	6.2	8
316	Detecting lipid droplets polarity: Silicone-based unique fluorescent probe for cancer diagnosis in living cells. *Talanta*, **2021**, 225, 122059	6.2	7
315	Dual channel mitochondria-targeted fluorescent probe for detection of nitric oxide in living cells and zebrafish. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 412, 113256	4.7	0
314	Tracking cell apoptosis based on mitochondria and cell membrane imaging. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 412, 113245	4.7	2
313	Ratiometric and reversible detection of endogenous SO2 and HCHO in living cells and mice by a near-infrared and dual-emission fluorescent probe. *Sensors and Actuators B: Chemical*, **2021**, 335, 129649	8.5	13
312	Development of a novel NIR viscosity fluorescent probe for visualizing the kidneys in diabetic mice. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119627	4.4	3

311	Activatable Photoacoustic Probe for In Situ Imaging of Endogenous Carbon Monoxide in the Murine Inflammation Model. *Analytical Chemistry*, **2021**,	7.8	6
310	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. *Sensors and Actuators B: Chemical*, **2021**, 338, 129837	8.5	4
309	Silicon-assisted unconventional fluorescence from organosilicon materials. *Coordination Chemistry Reviews*, **2021**, 438, 213887	23.2	9
308	A red-emissive and positively charged RNA ligand enables visualization of mitochondrial depolarization and cell damage. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 255, 119686	4.4	1
307	Organic fluorescent probes for monitoring autophagy in living cells. *Chemical Society Reviews*, **2021** , 50, 102-119	58.5	28
306	An endoplasmic reticulum targetable turn-on fluorescence probe for imaging application of carbon monoxide in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021** , 247, 119150	4.4	6
305	Fluorescence response of a fluorescein derivative for hypochlorite ion and its application for biological imaging in wounded zebrafish and living mice. *Sensors and Actuators B: Chemical*, **2021**, 327, 128848	8.5	14
304	Observation of endogenous HClO in living mice with inflammation, tissue injury and bacterial infection by a near-infrared fluorescent probe. *Sensors and Actuators B: Chemical*, **2021**, 327, 128884	8.5	19
303	Thiethylated naphthalimide functional silica nanomaterials: A fluorescent nanosensor for detection of HClO in living cells. *Dyes and Pigments*, **2021**, 185, 108936	4.6	5
302	A POSS-assisted fluorescent probe for the rapid detection of HClO in mitochondria with a large emission wavelength in dual channels. *Journal of Materials Chemistry B*, **2021**, 9, 6836-6843	7.3	1
301	Synthesis, molecular docking calculation, fluorescence and bioimaging of mitochondria-targeted ratiometric fluorescent probes for sensing hypochlorite in vivo. *Journal of Materials Chemistry B*, **2021**, 9, 2666-2673	7.3	1
300	A fluorogenic probe for dynamic tracking of lipid droplets□polarity during the evolution of cancer. *New Journal of Chemistry*, **2021**, 45, 4347-4353	3.6	7
299	A coumarin-based TICT fluorescent probe for real-time fluorescence lifetime imaging of mitochondrial viscosity and systemic inflammation. *Journal of Materials Chemistry B*, **2021**, 9, 8067-8073	7.3	2
298	A coumarin-based "off-on" fluorescent probe for highly selective detection of hydrogen sulfide and imaging in living cells. *Analytical Methods*, **2021**, 13, 1511-1516	3.2	1
297	The development of an endoplasmic reticulum-targeting fluorescent probe for the imaging of 1,4-dithiothreitol (DTT) in living cells. *Analytical Methods*, **2021**, 13, 2204-2208	3.2	5
296	A novel fluorescent probe with high photostability for imaging distribution of RNA in living cells and tissues. *New Journal of Chemistry*, **2021**, 45, 2614-2619	3.6	0
295	The development of a highly selective fluorescent probe for the rapid detection of HClO in living cells and zebrafish. *New Journal of Chemistry*, **2021**, 45, 12569-12575	3.6	
294	Ratiometric and amplified fluorescence nanosensor based on a DNA tetrahedron for miRNA imaging in living cells. *Journal of Materials Chemistry B*, **2021**, 9, 8341-8347	7.3	1

293	A non-peptide probe for detecting chymotrypsin activity based on protection-deprotection strategy in living systems. *Journal of Materials Chemistry B*, **2021**, 9, 8417-8423	7.3	2
292	Noninvasive Cancer Diagnosis Based on a Viscosity-Activated Near-Infrared Fluorescent Probe. *Analytical Chemistry*, **2021**, 93, 2072-2081	7.8	17
291	A near-infrared fluorescent probe for monitoring viscosity in living cells, zebrafish and mice. *New Journal of Chemistry*, **2021**, 45, 3778-3782	3.6	3
290	A novel fluorescent probe for rapid detection of sulfur dioxide in living cells. *Luminescence*, **2021**, 36, 1006-1012	2.5	1
289	Dual-Emissive Probe for Reversible Visualization of Revealing Voltage Heterogeneity in a Single Mitochondrion. *Analytical Chemistry*, **2021**, 93, 3493-3501	7.8	3
288	Intramolecular Spirocyclization Enables Design of a Single Fluorescent Probe for Monitoring the Interplay between Mitochondria and Lipid Droplets. *Analytical Chemistry*, **2021**, 93, 3602-3610	7.8	13
287	Four-armed functional siloxane enables ratiometric unconventional fluorescence for the detection of ONOO*Sensors and Actuators B: Chemical*, **2021**, 331, 129462	8.5	4
286	Monitoring cysteine level changes under LPS or HO induced oxidative stress using a polymer-based ratiometric fluorescent probe. *Analytica Chimica Acta*, **2021**, 1174, 338738	6.6	3
285	Evaluation of Cell Viability with a Single Fluorescent Probe Based on Two Kinds of Fluorescence Signal Modes. *Analytical Chemistry*, **2021**, 93, 12487-12493	7.8	6
284	Development of a one-step synthesized red emission fluorescent probe for sensitive detection of viscosity in vitro and in vivo. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 258, 119808	4.4	6
283	A fluorogenic probe for detecting CO with the potential integration of diagnosis and therapy (IDT) for cancer. *Sensors and Actuators B: Chemical*, **2021**, 344, 130245	8.5	2
282	Reversible polysiloxane-based near-infrared fluorescent probe for monitoring the redox cycles between HClO/SO2 in mitochondria and in vivo. *Sensors and Actuators B: Chemical*, **2021**, 344, 130217	8.5	4
281	Construction of a fluorescent probe with large stokes shift and deep red emission for sensing of the viscosity in hyperglycemic mice. *Dyes and Pigments*, **2021**, 195, 109674	4.6	4
280	Understanding the significant role of Si O Si bonds: Organosilicon materials as powerful platforms for bioimaging. *Coordination Chemistry Reviews*, **2021**, 447, 214166	23.2	4
279	An activatable water-soluble photoacoustic probe for real ime imaging of endogenous cysteine in the mouse tumor model. *Sensors and Actuators B: Chemical*, **2021**, 347, 130616	8.5	2
278	A unique fluorescent probe for visualization of cell death via its subcellular immigration from lysosomes to nucleus. *Sensors and Actuators B: Chemical*, **2021**, 347, 130656	8.5	4
277	Tracking the polarity changes of asthmatic mice by fluorescence imaging. *Sensors and Actuators B: Chemical*, **2021**, 346, 130448	8.5	0
276	Visualization of the pH-fluctuations in gastric ulcer living mice by the in situ near-infrared imaging. *Sensors and Actuators B: Chemical*, **2021**, 349, 130747	8.5	3

275	Lipid droplet polarity decreases during the pathology of muscle injury as revealed by a polarity sensitive sensor. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 262, 120149	4.4	3
274	Real-time detection of attenuated blood polarity in mouse models of circulating tumor based on a fluorescent probe. *Sensors and Actuators B: Chemical*, **2021**, 348, 130664	8.5	1
273	A novel ER-targeted two-photon fluorescent probe for monitoring abnormal concentrations of HClO in diabetic mice. *Journal of Materials Chemistry B*, **2021**, 9, 7381-7385	7.3	3
272	Fabrication of a fluorescent probe for reversibly monitoring mitochondrial membrane potential in living cells. *Analytical Methods*, **2021**, 13, 1715-1719	3.2	
271	Small molecule based fluorescent chemosensors for imaging the microenvironment within specific cellular regions. *Chemical Society Reviews*, **2021**, 50, 12098-12150	58.5	38
270	A sensitive and selective fluorescent probe for the detection of endogenous peroxynitrite (ONOO) in living cells. *Analytical Methods*, **2020**, 12, 2841-2845	3.2	4
269	A fluorescent probe for specific detection of cysteine in lysosomes via dual-color mode imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118555	4.4	4
268	An ESIPT-based ratiometric fluorescent probe for the discrimination of live and dead cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 240, 118588	4.4	3
267	The development of a hemicyanine-based ratiometric CO fluorescent probe with a long emission wavelength and its applications for imaging CO in vitro and in vivo. *New Journal of Chemistry*, **2020**, 44, 12107-12112	3.6	6
266	Organic fluorescent probes for detecting mitochondrial membrane potential. *Coordination Chemistry Reviews*, **2020**, 420, 213419	23.2	27
265	A strategy to construct fluorescent non-aromatic small-molecules: hydrogen bonds contributing to the unexpected fluorescence. *Chemical Communications*, **2020**, 56, 4424-4427	5.8	10
264	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. *Advanced Functional Materials*, **2020**, 30, 1910536	15.6	6
263	A versatile small-molecule fluorescence scaffold: Carbazole derivatives for bioimaging. *Coordination Chemistry Reviews*, **2020**, 412, 213257	23.2	30
262	A near-infrared ratiometric fluorescent probe based on the C[double bond, length as m-dash]N double bond for monitoring SO and its application in biological imaging. *Analyst, The*, **2020**, 145, 1910-1914	5	7
261	An ICT-based fluorescent probe with bridging Si–O–Si bonds for visualizing hydrogen sulfide in lipid droplets and its application. *Analytical Methods*, **2020**, 12, 1064-1069	3.2	11
260	Aurone Derivative Revealing the Metabolism of Lipid Droplets and Monitoring Oxidative Stress in Living Cells. *Analytical Chemistry*, **2020**, 92, 6631-6636	7.8	27
259	Discrimination of live and dead cells with two different sets of signals and unique application in vivo imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 231, 118115	4.4	2
258	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. *New Journal of Chemistry*, **2020**, 44, 11988-11992	3.6	5

257	Discriminating Cys from GSH/H2S in vitro and in vivo with a NIR fluorescent probe. *Sensors and Actuators B: Chemical*, **2020**, 305, 127202	8.5	22
256	Development of a red-emissive two-photon fluorescent probe for sensitive detection of beta-galactosidase in vitro and in vivo. *Sensors and Actuators B: Chemical*, **2020**, 307, 127643	8.5	18
255	A dual-site controlled fluorescent sensor for the facile and fast detection of HO in DO by two turn-on emission signals. *Chemical Communications*, **2020**, 56, 1191-1194	5.8	14
254	A unique polarity-sensitive photothermal sensitizer revealing down-regulated mitochondrial polarity during photo-induced cell death. *Journal of Materials Chemistry B*, **2020**, 8, 752-757	7.3	12
253	Step-wise functionalization of polysiloxane towards a versatile dual-response fluorescent probe and elastomer for the detection of HS in two-photon and NO in near-infrared modes. *Chemical Communications*, **2020**, 56, 1121-1124	5.8	19
252	Simultaneous sensing of nucleic acid and associated cellular components with organic fluorescent chemsensors. *Coordination Chemistry Reviews*, **2020**, 406, 213144	23.2	10
251	Monitoring mitochondrial membrane potential by FRET: Development of fluorescent probes enabling Dependent subcellular migration. *Analytica Chimica Acta*, **2020**, 1097, 196-203	6.6	8
250	A ratiometric fluorescent probe for reversible monitoring of endogenous SO/formaldehyde in cytoplasm and nucleoli regions and its applications in living mice. *Analyst, The*, **2020**, 145, 1865-1870	5	9
249	Live cell-specific fluorescent probe for the detection of labile Fe(II) and the evaluation of esterase activity in live animals. *Sensors and Actuators B: Chemical*, **2020**, 305, 127470	8.5	11
248	Rational design of a far-red fluorescent probe for endogenous biothiol imbalance induced by hydrogen peroxide in living cells and mice. *Bioorganic Chemistry*, **2020**, 103, 104173	5.1	6
247	Design of a FRET-based fluorescent probe for the reversible detection of SO2 and formaldehyde in living cells and mice. *New Journal of Chemistry*, **2020**, 44, 13654-13658	3.6	5
246	Engineering a double-rotor-based fluorescent molecule to sensitively track mitochondrial viscosity in living cells and zebrafish with high signal-to-background ratio (S/B). *Journal of Photochemistry and Photobiology A: Chemistry*, **2020**, 401, 112789	4.7	2
245	Construction of a novel GQD based ratiometric fluorescent composite probe for viscosity detection. *Chemical Communications*, **2020**, 56, 14649-14652	5.8	4
244	Preparation of robust fluorescent probes for tracking endogenous formaldehyde in living cells and mouse tissue slices. *Nature Protocols*, **2020**, 15, 3499-3526	18.8	11
243	Observation of the Elevation of Cholinesterase Activity in Brain Glioma by a Near-Infrared Emission Chemsensor. *Analytical Chemistry*, **2020**, 92, 13405-13410	7.8	8
242	Development of a two-photon fluorescent probe to monitor the changes of viscosity in living cells, zebra fish and mice. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 224, 117310	4.4	19
241	A unique amphipathic polyethylene glycol-based fluorescent probe for the visualization of lipid droplets and discrimination of living and dead cells in biological systems. *Sensors and Actuators B: Chemical*, **2020**, 302, 127207	8.5	13
240	A novel polythioether-based rhodamine B fluorescent probe via successive click reaction and its application in iron ion detection and cell imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2020**, 228, 117679	4.4	9

239	A targetable fluorescent probe for imaging of mitochondrial viscosity in living cells. *Analytical Methods*, **2019**, 11, 4561-4565	3.2	4
238	Discriminating normal and inflammatory models by viscosity changes with a mitochondria-targetable fluorescent probe. *Analyst, The*, **2019**, 144, 6247-6253	5	17
237	A PET-based turn-on fluorescent probe for sensitive detection of thiols and H2S and its bioimaging application in living cells, tissues and zebrafish. *New Journal of Chemistry*, **2019**, 43, 2865-2869	3.6	15
236	Development of a FRET-based ratiometric fluorescent probe to monitor the changes in palladium(II) in aqueous solution and living cells. *New Journal of Chemistry*, **2019**, 43, 552-555	3.6	11
235	Visualizing cellular sodium hydrosulfite (NaSO) using azo-based fluorescent probes with a high signal-to-noise ratio. *Journal of Materials Chemistry B*, **2019**, 7, 730-733	7.3	5
234	A novel mitochondria-targeted near-infrared (NIR) probe for detection of viscosity changes in living cell, zebra fishes and living mice. *Talanta*, **2019**, 204, 868-874	6.2	13
233	Novel fluorene-based fluorescent probe with excellent stability for selective detection of SCN and its applications in paper-based sensing and bioimaging. *Journal of Materials Chemistry B*, **2019**, 7, 4649-4654	7.3	11
232	A novel two-photon fluorescent probe for detecting FA based on a coumarin derivative and its applications in living cells, zebrafish and tissues. *New Journal of Chemistry*, **2019**, 43, 11844-11850	3.6	8
231	Visualization of Mitochondrial Viscosity in Inflammation, Fatty Liver, and Cancer Living Mice by a Robust Fluorescent Probe. *Analytical Chemistry*, **2019**, 91, 8415-8421	7.8	73
230	Developing a novel ratiometric fluorescent probe based on ESIPT for the detection of pH changes in living cells. *Tetrahedron Letters*, **2019**, 60, 1696-1701	2	10
229	A near-infrared and two-photon dual-mode fluorescent probe for the colorimetric monitoring of SOin vitro and in vivo. *Analyst, The*, **2019**, 144, 4371-4379	5	16
228	A PET and ESIPT based fluorescent probe for the imaging of hydrogen sulfide (H2S) in live cells and zebrafish. *Analytical Methods*, **2019**, 11, 3301-3306	3.2	8
227	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. *Chemical Society Reviews*, **2019**, 48, 4036-4048	58.5	102
226	A ratiometric fluorescent chemosensor for the convenient monitoring of hydrogen sulfide concentration by the dual fluorescence fluctuation mode of two distinct emission bands in living cells and zebrafish. *New Journal of Chemistry*, **2019**, 43, 10926-10931	3.6	8
225	A novel mitochondria-targetable probe for imaging endogenous deoxyribonucleic acid in biological systems. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 378, 57-65	4.7	3
224	Ratiometric Imaging of Cysteine Level Changes in Endoplasmic Reticulum during HO-Induced Redox Imbalance. *Analytical Chemistry*, **2019**, 91, 5513-5516	7.8	52
223	Simultaneously imaging of SO2 in lysosomes and mitochondria based on a dual organelle-targeted fluorescent probe. *Sensors and Actuators B: Chemical*, **2019**, 292, 80-87	8.5	20
222	Development of a two-photon fluorescent probe for the selective detection of β-galactosidase in living cells and tissues. *Journal of Materials Chemistry B*, **2019**, 7, 3431-3437	7.3	11

221	Construction of mitochondria-nucleolus shuttling fluorescent probe for the reversible detection of mitochondrial membrane potential. *Sensors and Actuators B: Chemical*, **2019**, 292, 16-23	8.5	18
220	A deep-red emission fluorescent probe for detection of viscosity in living cells and mice. *Analytical Methods*, **2019**, 11, 2626-2629	3.2	10
219	Novel two-photon fluorescent probe with high fluorescence quantum yields for tracking lipid droplets in biological systems. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 216, 35-44	4.4	9
218	Novel polysiloxane-based rhodamine B fluorescent probe for selectively detection of Al and its application in living-cell and zebrafish imaging. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 216, 207-213	4.4	14
217	A near-infrared and two-photon ratiometric fluorescent probe with a large Stokes shift for sulfur dioxide derivatives detection and its applications in vitro and in vivo. *Sensors and Actuators B: Chemical*, **2019**, 288, 519-526	8.5	30
216	Facile construction of imidazole functionalized polysiloxanes by thiol-ene □click□reaction for the consecutive detection of Fe3+ and amino acids. *Sensors and Actuators B: Chemical*, **2019**, 291, 235-242	8.5	12
215	A ratiometric two-photon fluorescent probe for the rapid detection of HClO in living systems. *Analytical Methods*, **2019**, 11, 1580-1584	3.2	5
214	Development of a unique reversible fluorescent probe for tracking endogenous sulfur dioxide and formaldehyde fluctuation in vivo. *Chemical Communications*, **2019**, 55, 11263-11266	5.8	31
213	A dual-site controlled ratiometric probe revealing the simultaneous down-regulation of pH in lysosomes and cytoplasm during autophagy. *Chemical Communications*, **2019**, 55, 10440-10443	5.8	31
212	F□ster Resonance Energy Transfer-Based Fluorescent Probe for the Selective Imaging of Hydroxylamine in Living Cells. *Analytical Chemistry*, **2019**, 91, 11397-11402	7.8	11
211	An ultrasensitive ratiometric fluorescent probe based on the ICT-PET-FRET mechanism for the quantitative measurement of pH values in the endoplasmic reticulum (ER). *Chemical Communications*, **2019**, 55, 10776-10779	5.8	20
210	Development of an endoplasmic reticulum-targeting fluorescent probe for the two-photon imaging of hypochlorous acid (HClO) in living cells. *Analytical Methods*, **2019**, 11, 4450-4455	3.2	11
209	Coumarin-Based Small-Molecule Fluorescent Chemosensors. *Chemical Reviews*, **2019**, 119, 10403-10519	68.1	437
208	A mitochondria-targeted and deep-red emission ratiometric fluorescent probe for real-time visualization of SO in living cells, zebrafish and living mice. *Analyst, The*, **2019**, 144, 4972-4977	5	9
207	Development of a mitochondria-targeted fluorescent probe for the ratiometric visualization of sulfur dioxide in living cells and zebrafish. *Analytical Methods*, **2019**, 11, 3931-3935	3.2	8
206	Unique pH-Sensitive RNA Binder for Ratiometric Visualization of Cell Apoptosis. *Analytical Chemistry*, **2019**, 91, 10056-10063	7.8	19
205	Rational Design of a Reversible Fluorescent Probe for Sensing Sulfur Dioxide/Formaldehyde in Living Cells, Zebrafish, and Living Mice. *Analytical Chemistry*, **2019**, 91, 10723-10730	7.8	46
204	Fluorescent Probes for the Visualization of Cell Viability. *Accounts of Chemical Research*, **2019**, 52, 2147-2157	21.7	93

203	A novel highly selective fluorescent probe for imaging of cysteine both in living cells and zebrafish. *Analytical Methods*, **2019**, 11, 4323-4327	3.2	5
202	An endoplasmic reticulum-targeting fluorescent probe for the imaging of hypochlorous acid in living cells and zebrafishes. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 384, 111980	4.7	12
201	Triphenylamine Schiff base as a lipid droplet-targeted fluorescent probe using Si-O-Si as a bridge for the detection of Cr applied in bio-imaging. *Analyst, The*, **2019**, 144, 5373-5377	5	7
200	Visualizing the cell ferroptosis via a novel polysiloxane-based fluorescent schiff base. *Sensors and Actuators B: Chemical*, **2019**, 298, 126843	8.5	5
199	Tracking lysosomal polarity variation in inflamed, obese, and cancer mice guided by a fluorescence sensing strategy. *Chemical Communications*, **2019**, 55, 11063-11066	5.8	23
198	Synthesis of Silane-Based Poly(thioether) via Successive Click Reaction and Their Applications in Ion Detection and Cell Imaging. *Polymers*, **2019**, 11,	4.5	4
197	Pyrenyl-Functionalized Polysiloxane Based on Synergistic Effect for Highly Selective and Highly Sensitive Detection of 4-Nitrotoluene. *ACS Applied Materials & Interfaces*, **2019**, 11, 30218-30227	9.5	16
196	Novel fluorescent probe with a bridged Si-O-Si bond for the reversible detection of hypochlorous acid and biothiol amino acids in live cells and zebrafish. *Analyst, The*, **2019**, 144, 5075-5080	5	10
195	Development of an endoplasmic reticulum-targeting fluorescent probe for the imaging of polarity in living cells and tissues. *New Journal of Chemistry*, **2019**, 43, 12103-12108	3.6	17
194	A Unique Approach to Development of a Multiratiometric Fluorescent Composite Probe for Multichannel Bioimaging. *Analytical Chemistry*, **2019**, 91, 14586-14590	7.8	8
193	AIE-active polysiloxane-based fluorescent probe for identifying cancer cells by locating lipid drops. *Analytica Chimica Acta*, **2019**, 1091, 88-94	6.6	14
192	Rational Design of a Rigid Fluorophore-Molecular Rotor-Based Probe for High Signal-to-Background Ratio Detection of Sulfur Dioxide in Viscous System. *Analytical Chemistry*, **2019**, 91, 15220-15228	7.8	27
191	An Ultrasensitivity Fluorescent Probe Based on the ICT-FRET Dual Mechanisms for Imaging Galactosidase in Vitro and ex Vivo. *Analytical Chemistry*, **2019**, 91, 15591-15598	7.8	25
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189	Two-photon fluorescence imaging of lipid drops polarity toward cancer diagnosis in living cells and tissue. *Sensors and Actuators B: Chemical*, **2019**, 288, 251-258	8.5	36
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